



STIC Search Report

EIC 3600

STIC Database Tracking Division (625-212)

TO: Andrew Fischer
Location: KNX 5C05
Art Unit : 3627
Tuesday, August 16, 2005

Case Serial Number: 10/025943

From: Caryn Wesner-Early
Location: EIC 3600
Knox Rm. 4B71
Phone: 272-3543

caryn.wesner-early@uspto.gov

Search Notes

If a modification or re-focus of this search is needed, please let me know.

Caryn S. Wesner-Early
Caryn S. Wesner-Early, MSLS
Technical Information Specialist
EIC 3600, US Patent & Trademark Office
Phone: (571) 272-3543
Fax: (571) 273-0046
caryn.wesner-early@uspto.gov

*Considered
aft 8/21/05*

EIC 3600 COMMERCIAL DATABASE SEARCH REQUEST

47

RUSH - SPE signature required: Andrew Fischer

Staff Use Only
Access DB# 42546

Business Methods Case: 705/16, Cross 705/15,17,18,21, Log Number: _____
Write in 705 subclass(es) to search required files for 705 cases or cases cross referenced in 705.

Requester's Full Name: Andrew Fischer Examiner #: 75586 Date: August 15, 2005

Art Unit: 3627 Phone Number: (571) 272-6779 Serial Number: 10/025,943

Bldg & Room #: KNX 5C-05 Results Format Preferred: PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Provide the PALM Bib page or the following: (Total Pages including this sheet: 8)

Title of Invention: Bib Data Sheet Attached

Inventors (provide full names): _____

Earliest Priority Filing Date: 12/26/01

Requested attachments:

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
- Please attach copies of the parts of this case that help explain or are most pertinent to this search. Examples are: **abstract, background, summary, claim(s) [not all of the claims]**.

Abstract, Background of the Invention, Figures 8 & 9, and claim 19 included.

The claimed or apparent novelty of the invention is:

A self service checkout that has a user interface, a scanner, a bag retainer below the user interface; a scale below the bag retainer; and a basket below the scale. The order is important. See the end of claim 19.

This search should focus on:

(Also include keywords or synonyms)

Self checkouts that are narrow and take up little space.

Note: The assignee is NCR.

If you have any questions or need help with keywords, please feel free to contact me.

Special Instructions or Other Comments

COMPLETE INTERNET & PRIOR ART SEARCH REQUESTED
Please include a copy of this sheet in your search report.

? show files;ds
File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)
 (c) 2005 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2005/Aug W01
 (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050811,UT=20050804
 (c) 2005 WIPO/Univentio
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200552
 (c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOP1 200209
 (c) 2002 INPI. All rts. reserv.
File 120:U.S. Copyrights 1978-2005/Aug 16
 (c) format only 2005 Dialog
File 426:LCMARC-Books 1968-2005/Aug W3
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File 430:British Books in Print 2005/Aug W1
 (c) 2005 J. Whitaker & Sons Ltd.
File 483:Newspaper Abs Daily 1986-2005/Aug 15
 (c) 2005 ProQuest Info&Learning
File 35:Dissertation Abs Online 1861-2005/Jul
 (c) 2005 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
File 65:Inside Conferences 1993-2005/Aug W2
 (c) 2005 BLDSC all rts. reserv.
File 2:INSPEC 1969-2005/Aug W1
 (c) 2005 Institution of Electrical Engineers
File 256:TecInfoSource 82-2005/Jul
 (c) 2005 Info.Sources Inc
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
 (c) 2005 The HW Wilson Co.
File 474:New York Times Abs 1969-2005/Aug 15
 (c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Aug 15
 (c) 2005 The New York Times
File 15:ABI/Inform(R) 1971-2005/Aug 16
 (c) 2005 ProQuest Info&Learning
File 9:Business & Industry(R) Jul/1994-2005/Aug 15
 (c) 2005 The Gale Group
File 610:Business Wire 1999-2005/Aug 16
 (c) 2005 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
File 20:Dialog Global Reporter 1997-2005/Aug 16
 (c) 2005 Dialog
File 990:NewsRoom Current Apr 1 -2005/Aug 16
 (c) 2005 Dialog
File 476:Financial Times Fulltext 1982-2005/Aug 16
 (c) 2005 Financial Times Ltd
File 275:Gale Group Computer DB(TM) 1983-2005/Aug 16
 (c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Aug 16
 (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Aug 15
 (c) 2005 The Gale Group
File 16:Gale Group PROMT(R) 1990-2005/Aug 15
 (c) 2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/Aug 16

(c)2005 The Gale Group
 File 624:McGraw-Hill Publications 1985-2005/Aug 16
 (c) 2005 McGraw-Hill Co. Inc
 File 613:PR Newswire 1999-2005/Aug 16
 (c) 2005 PR Newswire Association Inc
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2005/Aug 15
 (c) 2005 San Jose Mercury News
 File 13:BAMP 2005/Aug W1
 (c) 2005 The Gale Group
 File 56:Computer and Information Systems Abstracts 1966-2005/Jul
 (c) 2005 CSA.
 File 75:TGG Management Contents(R) 86-2005/Aug W1
 (c) 2005 The Gale Group
 File 995:NewsRoom 2001
 (c) 2005 Dialog
 File 996:NewsRoom 2000
 (c) 2005 Dialog

Set	Items	Description
S1	285	AU='WALTER J':AU='WALTER J F'
S2	157	AU='WALTER J FREY':AU='WALTER J WIECZERNAK'
S3	13	AU='WALTER J WOJCIK':AU='WALTER J.B.'
S4	4	AU='WALTER J.B.':AU='WALTER J.L.'
S5	19	AU='WALTER JOANNE':AU='WALTER JOANNE SYNOWSKY'
S6	5	AU='WALTER JR'
S7	320	AU='WALTER, J':AU='WALTER, J. C.'
S8	189	AU='WALTER, J. D':AU='WALTER, J.C.'
S9	132	AU='WALTER, J.D.':AU='WALTER, J.M.'
S10	51	AU='WALTER, J.M.':AU='WALTER, J.W.'
S11	9	AU='WALTER, JOAN':AU='WALTER, JOAN, 1942-'
S12	0	AU='WALTER, JOANNE'
S13	6	AU='WALTER, JR'
S14	295	AU='MORRISON J':AU='MORRISON J.S.'
S15	115	AU='MORRISON JAMES':AU='MORRISON JAMES W'
S16	4	AU='MORRISON JIM'
S17	677	AU='MORRISON, J':AU='MORRISON, J. R.'
S18	501	AU='MORRISON, J. R.':AU='MORRISON, J.W.JR'
S19	343	AU='MORRISON, JAMES':AU='MORRISON, JAMES FREDERIC'
S20	227	AU='MORRISON, JAMES FREDERIC':AU='MORRISON, JAMES RICHARD, 1958-'
S21	134	AU='MORRISON, JAMES RICHARD, 1958-':AU='MORRISON, JAMES, 1-960-'
S22	151	AU='MORRISON, JIM':AU='MORRISON, JIMMY 3RD, 1943-'
S23	4	AU='MORRISON, JO'
S24	1599	AU='LIN H':AU='LIN H -'
S25	17	AU='LIN H J':AU='LIN H J J'
S26	1	AU='LIN H-J'
S27	12	AU='LIN HORNG J':AU='LIN HORNG JAU'
S28	5	AU='LIN HORNG-JAAN':AU='LIN HORNG-JAU'
S29	40	AU='LIN, H'
S30	3	AU='LIN, H J'
S31	1056	AU='LIN, H.':AU='LIN, H. (EDITOR)'
S32	17	AU='LIN, H. J':AU='LIN, H. J.'
S33	96	AU='LIN, H.-J':AU='LIN, H.-J. L.'
S34	43	AU='LIN, H.J.'
S35	5	AU='LIN, H-J'
S36	3	AU='LIN, HORNG-JAU'
S37	0	AU='LIN, HORNG JAAN'

S38 6491 S1:S37
S39 2461 S38 FROM 347,348,349,350,371
S40 84 IC=G06F-017?
S41 84 S39 AND S40
S42 33 (SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY) (N) (CHEC-
KOUT? ? OR CHECKSTAND? ? OR CHECK() (OUT? ? OR STAND? ?) OR CA-
SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-
)UP OR RINGUP)
S43 9 S41 AND S42
S44 9 IDPAT (sorted in duplicate/non-duplicate order)
S45 7 IDPAT (primary/non-duplicate records only)
S46 4030 S38 NOT S39
S47 0 S42 AND S46
S48 395 GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC???) (2W) (IN-
TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN?
? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD?
? OR KEYPAD? ? OR (KEY OR TOUCH) () (PAD? ? OR BOARD? ?)
S49 97 S46 AND S48
S50 67 SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-
ARCODE? ? OR UPC OR SKU) ()READER? ? OR OCR
S51 2 S49(S)S50
S52 2 S49 AND S50
S53 5 S46 AND S50
S54 5 S53 NOT PY>2001
S55 5 S54 NOT PD=20011227:20050930
S56 4 RD_(unique items)
S57 11 S45 OR S56

Considered at 8/19/05

57/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015616348 **Image available**

WPI Acc No: 2003-678505/200364

XRPX Acc No: N03-541686

Self - checkout system for retail stores, includes customer interface terminal and security scale that are supported by housing and are vertically oriented with respect to each other on housing

Patent Assignee: NCR CORP (NATC)

Inventor: LIN H J ; MORRISON J ; WALTER J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030120547	A1	20030626	US 200125943	A	20011226	200364 B

Priority Applications (No Type Date): US 200125943 A 20011226

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030120547	A1	14		G06F-017/60	

Self - checkout system for retail stores, includes customer interface terminal and security scale that are supported by...

Inventor: LIN H J ...

... MORRISON J ...

... WALTER J

Abstract (Basic):

... The drawing shows a block diagram of an illustrative self - checkout system...

International Patent Class (Main): G06F-017/60

57/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014603861 **Image available**

WPI Acc No: 2002-424565/200245

XRPX Acc No: N02-333758

Self - service checkout system operating method for supermarket industry, involves coupling kiosk type information terminal and automated teller machine with scanner to enter number of items for purchase

Patent Assignee: NCR CORP (NATC)

Inventor: ADDY J C; MORRISON J ; SADLER R F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6363355	B1	20020326	US 98217539	A	19981221	200245 B

Priority Applications (No Type Date): US 98217539 A 19981221

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6363355	B1	15		G06F-017/60	

Self - service checkout system operating method for supermarket industry, involves coupling kiosk type information terminal and automated teller...

...Inventor: MORRISON J

Abstract (Basic):

... her items for purchase, into the terminals, so that labor is reduced. Hence an improved self - service checkout system with low cost is obtained...

...The figure shows the perspective view of self - service checkout system...

... Self - service checkout system (100
International Patent Class (Main): G06F-017/60

57/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013051509 **Image available**

WPI Acc No: 2000-223363/200019

XRPX Acc No: N00-167395

Detecting of item placement and removal during operation of a self - service checkout terminal for providing of security

Patent Assignee: NCR CORP (NATC)

Inventor: LUTZ D L; MORRISON J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6032128	A	20000229	US 97990241	A	19971215	200019 B

Priority Applications (No Type Date): US 97990241 A 19971215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6032128	A	37	G06F-017/00	

Detecting of item placement and removal during operation of a self - service checkout terminal for providing of security

...Inventor: MORRISON J

Abstract (Basic):

... Detecting item placement and removal during operation of a self - service checkout terminal...

...The drawing is a perspective view of a self - service checkout terminal incorporating features of the present invention...

International Patent Class (Main): G06F-017/00

57/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012542952 **Image available**

WPI Acc No: 1999-349058/199930

XRPX Acc No: N99-261090

Self - service checkout terminal operation

Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)

Inventor: MORRISON J ; WALTER J S

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 924669	A2	19990623	EP 98310219	A	19981214	199930 B
JP 11238175	A	19990831	JP 98356496	A	19981215	199946
US 6105866	A	20000822	US 97991060	A	19971215	200042

Priority Applications (No Type Date): US 97991060 A 19971215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 924669	A2	E	13 G07G-001/00	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI
JP 11238175	A		15 G07G-001/12	
US 6105866	A		G06K-015/00	Self - service checkout terminal operation

Inventor: MORRISON J ...

... WALTER J S

Abstract (Basic):

... There is an INDEPENDENT CLAIM for a self - service checkout terminal...

International Patent Class (Additional): G06F-017/00

57/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011868980 **Image available**

WPI Acc No: 1998-285890/199825

XRPX Acc No: N98-224701

Self - service checkout or point-of-sale station used in retail industry - includes processing unit coupled to scanner, sensor and recorder to cause recorder to playback visual recording on display monitor when processing unit receives second signal but not first signal

Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)

Inventor: FLYNN T L; WALTER J S

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5747784	A	19980505	US 96735424	A	19961022	199825 B
EP 847032	A2	19980610	EP 97307959	A	19971008	199827
JP 10208149	A	19980807	JP 97286323	A	19971020	199842

Priority Applications (No Type Date): US 96735424 A 19961022

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5747784	A	9	G06F-017/00	Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 847032	A2	E	G07G-001/00	
JP 10208149	A	9	G07G-001/12	

Self - service checkout or point-of-sale station used in retail

industry...

...Inventor: **WALTER J S**

International Patent Class (Main): **G06F-017/00** ...

...International Patent Class (Additional): **G06F-017/60**

57/3, K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011638491 **Image available**

WPI Acc No: 1998-055399/199806

XRPX Acc No: N98-043903

Point of sale self-checkout for retail outlet - has scale with control unit for weighed items connected to pricing processor which also receives scanned data

Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)

Inventor: **WALTER J S**

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 817141	A2	19980107	EP 97304363	A	19970620	199806 B
JP 10105831	A	19980424	JP 97203712	A	19970624	199827
US 5987428	A	19991116	US 96673641	A	19960625	200001

Priority Applications (No Type Date): US 96673641 A 19960625

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 817141 A2 E 14 G07G-001/00

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

JP 10105831 A 35 G07G-001/00

US 5987428 A G06F-017/60

Inventor: **WALTER J S**

57/AA,AN,AZ,TI/1 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015616348

WPI Acc No: 2003-678505/

Self - checkout system for retail stores, includes customer interface terminal and security scale that are supported by housing and are vertically oriented with respect to each other on housing

Local Applications (No Type Date): US 200125943 A 20011226

Priority Applications (No Type Date): US 200125943 A 20011226

57/AA,AN,AZ,TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014603861

WPI Acc No: 2002-424565/

Self - service checkout system operating method for supermarket industry, involves coupling kiosk type information terminal and automated teller machine with scanner to enter number of items for purchase

Local Applications (No Type Date): US 98217539 A 19981221

Priority Applications (No Type Date): US 98217539 A 19981221

57/AA,AN,AZ,TI/3 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013101377

WPI Acc No: 2000-273248/

Operating method for self-service retail checkout terminal using biometric sensing for verifying identity of user to ensure only authorized products may be purchased

Local Applications (No Type Date): EP 99307537 A 19990923; JP 99307419 A 19990924; US 98164098 A 19980930

Priority Applications (No Type Date): US 98164098 A 19980930

57/AA,AN,AZ,TI/4 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013051509

WPI Acc No: 2000-223363/

Detecting of item placement and removal during operation of a self - service checkout terminal for providing of security

Local Applications (No Type Date): US 97990241 A 19971215

Priority Applications (No Type Date): US 97990241 A 19971215

57/AA,AN,AZ,TI/5 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012542952

WPI Acc No: 1999-349058/

Self - service checkout terminal operation

Local Applications (No Type Date): EP 98310219 A 19981214; JP 98356496 A 19981215; US 97991060 A 19971215

Priority Applications (No Type Date): US 97991060 A 19971215

57/AA,AN,AZ, TI/6 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011868980
WPI Acc No: 1998-285890/
Self - service checkout or point-of-sale station used in retail industry - includes processing unit coupled to scanner, sensor and recorder to cause recorder to playback visual recording on display monitor when processing unit receives second signal but not first signal
Local Applications (No Type Date): US 96735424 A 19961022; EP 97307959 A 19971008; JP 97286323 A 19971020
Priority Applications (No Type Date): US 96735424 A 19961022

57/AA,AN,AZ, TI/7 (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011638491
WPI Acc No: 1998-055399/
Point of sale self-checkout for retail outlet - has scale with control unit for weighed items connected to pricing processor which also receives scanned data
Local Applications (No Type Date): EP 97304363 A 19970620; US 96673641 A 19960625; JP 97203712 A 19970624
Priority Applications (No Type Date): US 96673641 A 19960625

57/AA,AN,AZ, TI/8 (Item 1 from file: 2)
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02706929 INSPEC Abstract Number: A86092904
Title: Paleomagnetism of Silurian-Ordovician sediments from the Valley and Ridge Province, northwest Georgia

57/AA,AN,AZ, TI/9 (Item 1 from file: 15)
DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

01572607 02-23596
The second curve: Managing the velocity of change

57/AA,AN,AZ, TI/10 (Item 1 from file: 275)
DIALOG(R)File 275:(c) 2005 The Gale Group. All rts. reserv.

01940555 SUPPLIER NUMBER: 18302642
The skybox syndrome. (trend among computer companies to advertise during sporting events)(includes related article on Intel's sponsorship of the Smithsonian Institutions' 150th anniversary traveling museum exhibition) (Industry Trend or Event)(Cover Story)

57/AA,AN,AZ, TI/11 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

07510061 SUPPLIER NUMBER: 16201722

Magnetic resonance imaging of the brain in phenylketonuria.

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? show files;ds
File 347:JAPIO Nov 1976-2005/Apr (Updated 050801)
  (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200552
  (c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOP1 200209
  (c) 2002 INPI. All rts. reserv.
```

Set	Items	Description
S1	180	(SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY) (N) (CHEC- KOUT? ? OR CHECKSTAND? ? OR CHECK() (OUT? ? OR STAND? ?) OR CA- SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-)UP OR RINGUP)
S2	2282117	GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC???) (2W) (IN- TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN? ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD? ? OR KEYPAD? ? OR (KEY OR TOUCH)() (PAD? ? OR BOARD? ?)
S3	139689	SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B- ARCODE? ? OR UPC OR SKU)()READER? ? OR OCR
S4	235758	(BAG OR SACK OR PAPERBAG)() (RETAINER? ? OR HOLDER? ? OR FR- AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5	1737094	NARROW OR (SAVE? ? OR SAVING OR LITTLE) (2N) (SPACE OR ROOM) OR (SMALL OR ZERO) ()FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR COMPACT
S6	18228	S2(10N) (S3 OR S4)
S7	1	S1(S)S5(S)S6
S8	1	S1 AND S5 AND S6
S9	9	S1(S) (S5 OR S6)
S10	21	S1 AND (S5 OR S6)
S11	336206	IC=G06F-017?
S12	7	S10 AND S11
S13	15	S9 OR S12
S14	15	IDPAT (sorted in duplicate/non-duplicate order)
S15	15	IDPAT (primary/non-duplicate records only)

Considered as of 8/19/05

15/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016685842 **Image available**

WPI Acc No: 2005-010123/200501

XRPX Acc No: N05-007974

Self checkout system in retail establishments, uses radio frequency identification reader for receiving data about items in security area through item tag

Patent Assignee: PERSKY M (PERS-I); SANCHEZ S J (SANC-I)

Inventor: PERSKY M; SANCHEZ S J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040220860	A1	20041104	US 2002434944	P	20021220	200501 B
			US 2003740989	A	20031219	

Priority Applications (No Type Date): US 2002434944 P 20021220; US 2003740989 A 20031219

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040220860	A1	9	G06F-017/60	Provisional application US 2002434944

Self checkout system in retail establishments, uses radio frequency identification reader for receiving data about items in...

Abstract (Basic):

... The data from a radio frequency identification (RFID) tag mounted on each item in a security area, is received from a tag reader (107). The...
... 1) method for conducting the purchase of items using self checkout system...

...2) computer readable medium with instruction for performing the purchase of items using self checkout system; and...

...3) computer application program operable on self checkout system...

...The figure shows the line drawing of self checkout system with RFID tag processing capability...

... self checkout lane (102

International Patent Class (Main): G06F-017/60

15/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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016517604 **Image available**

WPI Acc No: 2004-675987/200466

XRPX Acc No: N04-535737

Self checkout system for use in drug and convenience store, has computer system coupled to product imaging scanner and bag rack for processing data from product imaging scanner and bag rack

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: HARRIS R H; POSEY H P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040182650	A1	20040923	US 2003390964	A	20030318	200466 B

Priority Applications (No Type Date): US 2003390964 A 20030318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040182650	A1	7	A63F-009/02	

Abstract (Basic):

... B) a method for secure self checkout in a **small footprint**
self checkout system...

15/3, K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015616348 **Image available**

WPI Acc No: 2003-678505/200364

XRPX Acc No: N03-541686

Self - checkout system for retail stores, includes customer interface terminal and security scale that are supported by housing and are vertically oriented with respect to each other on housing

Patent Assignee: NCR CORP (NATC)

Inventor: LIN H J; MORRISON J; WALTER J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030120547	A1	20030626	US 200125943	A	20011226	200364 B

Priority Applications (No Type Date): US 200125943 A 20011226

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030120547	A1	14	G06F-017/60	

Self - checkout system for retail stores, includes customer interface terminal and security scale that are supported by...

Abstract (Basic):

... and the security scale are vertically oriented thereby, enabling the system to have zero to **small footprint** and also enabling the system to be used in minimum floor space applications...

...The drawing shows a block diagram of an illustrative **self - checkout system...**

International Patent Class (Main): **G06F-017/60**

15/3, K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013661883 **Image available**

WPI Acc No: 2001-146095/200115

XRPX Acc No: N01-106855

Self - service check out terminal for use in retail business,

comprises primary counter supported on base having bag accommodation
chamber with scanner and automated teller machine provided at either ends

Patent Assignee: NCR CORP (NATC)

Inventor: PATON G C; SWAINE S W; VASSIGH A M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6167381	A	20001226	US 9737725	A	19970207	200115 B
			US 9737726	A	19970207	
			US 9820056	A	19980206	

Priority Applications (No Type Date): US 9820056 A 19980206; US 9737725 P
19970207; US 9737726 P 19970207

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6167381	A	26		G06F-017/60	Provisional application US 9737725
					Provisional application US 9737726

Self - service check out terminal for use in retail business,
comprises primary counter supported on base having bag accommodation...

Abstract (Basic):

... Self - service check out terminal (10) comprises a primary counter (12) supported on base (11) provided with bag accommodation
... base includes connecting panel (11) interposed between counters.
The scanner includes a scanning window (30) mounted to primary counter in horizontal orientation and another scanning window (32) mounted to connecting panel in vertical orientation...

...The figure shows the perspective view of self . service check out terminal...

... Self - service check out terminal (10)
International Patent Class (Main): G06F-017/60

15/3, K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013076482 **Image available**

WPI Acc No: 2000-248354/200022

XRXPX Acc No: N00-185952

Method of advertising with retail terminal using display monitor by displaying advertising message on display monitor based on retail information of user profile

Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)

Inventor: DEJAEGER W; HUTCHEON A J; DEJAEGER W E Y

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 991006	A2	20000405	EP 99307703	A	19990929	200022 B
JP 2000113334	A	20000421	JP 99311385	A	19990928	200031
US 6456981	B1	20020924	US 98164099	A	19980930	200266
			US 2000595125	A	20000616	

Priority Applications (No Type Date): US 98164099 A 19980930; US 2000595125
A 20000616

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 991006	A2	E	28	G06F-017/60	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
JP 2000113334	A		91	G07G-001/14	
US 6456981	B1			G06F-017/60	Cont of application US 98164099

Abstract (Basic):

... Upon arrival of a customer at a **self - service checkout** terminal (18), the latter may be activated by the customer swiping his or her debit, credit, loyalty, or smart card through a card reader (30). Once activated, the **self - service checkout** terminal (18) communicates with the central server in order to retrieve the user profile associated...
 ...may begin to scan or otherwise enter his or her items for purchase into the **self - service checkout** terminal (18) via use of the **scanner** (14) or the data **input** device (24) (e.g. a **keypad** or touch pad). In response to generation of the item-entered control signal, the user...
 ...The drawing is a perspective view of a **self - service check - out** terminal of the retail system...

... **self - service checkout** terminal (18)
 International Patent Class (Main): **G06F-017/60** ...

15/3, K/9 (Item 9 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

012816261 **Image available**
 WPI Acc No: 1999-622492/199954
 XRPX Acc No: N99-459378

Compact self service checkout for use in retail environments
 Patent Assignee: TESCO STORES LTD (TESC-N)
 Inventor: LINDLEY J G
 Number of Countries: 084 Number of Patents: 004
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2338100	A	19991208	GB 9913214	A	19990607	199954 B
WO 9965000	A1	19991216	WO 99GB1789	A	19990607	200006
AU 9942775	A	19991230	AU 9942775	A	19990607	200022
GB 2338100	B	20000830	GB 9913214	A	19990607	200042

Priority Applications (No Type Date): GB 9812229 A 19980605

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2338100	A		16	G06K-017/00	
WO 9965000	A1	E		G07G-001/00	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN					
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC					
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PT RO RU SD SE SG SI SK SL TJ					
TM TR TT UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR					
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 9942775	A			G07G-001/00	Based on patent WO 9965000
GB 2338100	B			G06K-017/00	

Compact self service checkout for use in retail environments

Abstract (Basic):

... The self service checkout contains the equipment customers need to purchase goods in a compact easy to use arrangement...

15/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011638491 **Image available**

WPI Acc No: 1998-055399/199806

XRPX Acc No: N98-043903

Point of sale self - checkout for retail outlet - has scale with control unit for weighed items connected to pricing processor which also receives scanned data

Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)

Inventor: WALTER J S

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 817141	A2	19980107	EP 97304363	A	19970620	199806 B
JP 10105831	A	19980424	JP 97203712	A	19970624	199827
US 5987428	A	19991116	US 96673641	A	19960625	200001

Priority Applications (No Type Date): US 96673641 A 19960625

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 817141 A2 E 14 G07G-001/00

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

JP 10105831 A 35 G07G-001/00

US 5987428 A G06F-017/60

Point of sale self - checkout for retail outlet...

...Abstract (Basic): The station comprises a counter which incorporates a combined scanner / scale with a display monitor and a data entry device. When an item is placed on the scale (24) a menu is automatically displayed on the monitor to prompt the user to the correct procedure. The system can be equally used for...

...User instructions are displayed on the monitor (16). Items with a bar code are scanned using the scanner (22). Where product codes need to be entered, this is done via a key pad...

International Patent Class (Main): G06F-017/60 ...

15/3,K/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

009071685 **Image available**

WPI Acc No: 1992-199093/199224

XRPX Acc No: N92-150609

Self-serve retail checkout system - includes video camera unit to view scale where bar-coded products are deposited and connected to supervisory

station

Patent Assignee: SCHNEIDER H (SCHN-I); OPTIMAL ROBOTICS CORP (OPTI-N)

Inventor: SCHNEIDER H

Number of Countries: 008 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5115888	A	19920526	US 91650167	A	19910204	199224 B
EP 498311	A1	19920812	EP 92101608	A	19920131	199233
CA 2060414	A	19920805	CA 2060414	A	19920130	199243
EP 498311	B1	19951206	EP 92101608	A	19920131	199602
DE 69206438	E	19960118	DE 606438	A	19920131	199608
			EP 92101608	A	19920131	
CA 2060414	C	19981208	CA 2060414	A	19920130	199908

Priority Applications (No Type Date): US 91650167 A 19910204

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5115888	A	25	G06K-007/10	
EP 498311	A1	E	29	G07G-001/00
				Designated States (Regional): DE ES FR GB IT SE
EP 498311	B1	E	37	G07G-001/00
				Designated States (Regional): DE ES FR GB IT SE
DE 69206438	E		G07G-001/00	Based on patent EP 498311
CA 2060414	A		G07G-001/14	
CA 2060414	C		G07G-001/14	

...Abstract (Equivalent): use by a customer, (b) bar code reader means (14) and first scale means (23) **mounted** in said first stationary structural member (162) such that said bar code reader means does...

...active elements of said first scale means but that said bar code reader means is **mounted** less than one meter away from said first scale means; (c) said bar code reader...

...has been read by said bar code reader means; (d) bag holding means (19,20) **mounted** upon said first scale means (23); (e) said first scale means (23) generating a second signal indicative of the weight present on said first **scale** means; (f) first user **input** means (1...10) **mounted** in said first stationary structure member (162) generating a third signal indicative of the particular first user **input** means device selected; (g) second **scale** means (24) **mounted** in said first stationary structural member (162) such that the top exposed surface of said...

...means generates a fourth signal indicative of the weight thereon; (h) video sensor means (18) **mounted** in a video sensor movement means (100) above said first scale means (23) and above...

...the image said video sensor means is currently viewing; (j) first user display means (11) **mounted** in said first stationary structural member (162); (k) a second stationary structural member (66) intended for supervisory use by a supervisory employee; (l) second user display means (51) **mounted** in said second stationary structural member (66) where said second user display means receives said...

...means displays an image corresponding to said fifth signal; (m) second user input means (57) **mounted** in said second stationary structural member (66) generating a sixth signal indicative of the particular...

...image corresponding to said second controller signal and where said third user display means is **mounted** in the said second stationary structural member; (q) said controller means (305) sending a third...

15/3, K/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

007556780
WPI Acc No: 1988-190712/198827
XRXPX Acc No: N88-145738

Self-service checkout system for supermarket - has display of checkout informing purchaser of price of each item being processed while second display shows total amount due for items

Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)
Inventor: MERGENTHALER M B; MERGENTHAL B M; MERGENTHALER B M

Number of Countries: 005 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8804813	A	19880630	WO 87US3187	A	19871203	198827 B
US 4779706	A	19881025	US 86943116	A	19861217	198845
EP 294470	A	19881214	EP 88901178	A	19871203	198850
JP 1501738	W	19890615	JP 87506310	A	19871203	198930
EP 294470	B1	19921007	WO 87US3187	A	19871203	199241
			EP 88901178	A	19871203	
DE 3782166	G	19921112	DE 3782166	A	19871203	199247
			WO 87US3187	A	19871203	
			EP 88901178	A	19871203	

Priority Applications (No Type Date): US 86943116 A 19861217

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 8804813	A	E	15		
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Designated States (National): JP

Designated States (Regional): DE FR GB

US 4779706	A	7			
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EP 294470	A	E			
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Designated States (Regional): DE FR GB

EP 294470	B1	E	10	G07G-001/00	Based on patent WO 8804813
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Designated States (Regional): DE FR GB

DE 3782166	G			G07G-001/00	Based on patent EP 294470
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Based on patent WO 8804813

...Abstract (Equivalent): identifying the item, said system including a first support member (22); optical scanning means (35) **mounted** in said first support member (22) for scanning the coded label of a merchandise item...

...purchased merchandise items, characterised in that said first (27) and second weighing means (33) are **mounted** in said first support member (22), and further characterised by third weighing means (43) **mounted** on a second support member (38) and coupled to said processing means (52) for outputting...

15/3, K/15 (Item 15 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

07778137 **Image available**
SELF-CHECKOUT DEVICE

PUB. NO.: 2003-272051 [JP 2003272051 A]
PUBLISHED: September 26, 2003 (20030926)
INVENTOR(s): NAKAEDA MASAYUKI
APPLICANT(s): TOSHIBA TEC CORP
APPL. NO.: 2002-075932 [JP 200275932]
FILED: March 19, 2002 (20020319)

ABSTRACT

... To effectively support operation for a disabled person using, for example, a wheelchair.

SOLUTION: A **scanner** 107, a first display 110, and a first **input** device 111 are arranged in a position related to a commodity table 106 for adjacently...

... and the second placing table 105 in the commodity table 106 so that operation for **self - checkout** can be performed by using the portable terminal 151 in a state of being removed...

15/AN,AZ,TI/1 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016685842

Self checkout system in retail establishments, uses radio frequency identification reader for receiving data about items in security area through item tag
Local Applications (No Type Date): US 2002434944 P 20021220; US 2003740989 A 20031219
Priority Applications (No Type Date): US 2002434944 P 20021220; US 2003740989 A 20031219

15/AN,AZ,TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016517604

Self checkout system for use in drug and convenience store, has computer system coupled to product imaging scanner and bag rack for processing data from product imaging scanner and bag rack
Local Applications (No Type Date): US 2003390964 A 20030318
Priority Applications (No Type Date): US 2003390964 A 20030318

15/AN,AZ,TI/3 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015616348

Self - checkout system for retail stores, includes customer interface terminal and security scale that are supported by housing and are vertically oriented with respect to each other on housing
Local Applications (No Type Date): US 200125943 A 20011226
Priority Applications (No Type Date): US 200125943 A 20011226

15/AN,AZ,TI/4 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014953815

Multi-functional kiosk for retail outlet in ticket companies, has communication unit connected to internet, which communicates between points for placing orders of items not available in retail outlet
Local Applications (No Type Date): SG 995660 A 19991112
Priority Applications (No Type Date): SG 995660 A 19991112

15/AN,AZ,TI/5 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014786307

Retail terminal operation method involves displaying menu having item names associated to first character input by user
Local Applications (No Type Date): US 98217544 A 19981221
Priority Applications (No Type Date): US 98217544 A 19981221

15/AN,AZ,TI/6 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014220013

Reconfigurable point-of-service checkout system e.g. for retail stores, has dual aperture bar code scanner rotatable between full service and self service positions

Local Applications (No Type Date): US 99250859 A 19990217; US 2001911921 A 20010724

Priority Applications (No Type Date): US 99250859 A 19990217; US 2001911921 A 20010724

15/AN,AZ, TI/7 (Item 7 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013661883

Self - service check out terminal for use in retail business, comprises primary counter supported on base having bag accommodation chamber with scanner and automated teller machine provided at either ends

Local Applications (No Type Date): US 9737725 A 19970207; US 9737726 A 19970207; US 9820056 A 19980206

Priority Applications (No Type Date): US 9820056 A 19980206; US 9737725 P 19970207; US 9737726 P 19970207

15/AN,AZ, TI/8 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013076482

Method of advertising with retail terminal using display monitor by displaying advertising message on display monitor based on retail information of user profile

Local Applications (No Type Date): EP 99307703 A 19990929; JP 99311385 A 19990928; US 98164099 A 19980930; US 2000595125 A 20000616

Priority Applications (No Type Date): US 98164099 A 19980930; US 2000595125 A 20000616

15/AN,AZ, TI/9 (Item 9 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012816261

Compact self service checkout for use in retail environments

Local Applications (No Type Date): GB 9913214 A 19990607; GB 9913214 A 19990607; WO 99GB1789 A 19990607; AU 9942775 A 19990607

Priority Applications (No Type Date): GB 9812229 A 19980605

15/AN,AZ, TI/10 (Item 10 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011638491

Point of sale self - checkout for retail outlet - has scale with control unit for weighed items connected to pricing processor which also receives scanned data

Local Applications (No Type Date): EP 97304363 A 19970620; US 96673641 A 19960625; JP 97203712 A 19970624

Priority Applications (No Type Date): US 96673641 A 19960625

15/AN,AZ,TI/11 (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

010864691

Automatic bulk self-checkout appts. for rapid and simultaneous reading of bar-codes - has bar-code scanner assembly for reading bar codes while items are inside item holder, bar-code processing assembly for generating associated price data and for totalling prices
Local Applications (No Type Date): US 94241354 A 19940511; US 94328683 A 19941025
Priority Applications (No Type Date): US 94328683 A 19941025; US 94241354 A 19940511

15/AN,AZ,TI/12 (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

009071685

Self-serve retail checkout system - includes video camera unit to view scale where bar-coded products are deposited and connected to supervisory station
Local Applications (No Type Date): US 91650167 A 19910204; EP 92101608 A 19920131; CA 2060414 A 19920130; EP 92101608 A 19920131; DE 606438 A 19920131; EP 92101608 A 19920131; CA 2060414 A 19920130
Priority Applications (No Type Date): US 91650167 A 19910204

15/AN,AZ,TI/13 (Item 13 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

007556780

Self-service checkout system for supermarket - has display of checkout informing purchaser of price of each item being processed while second display shows total amount due for items
Local Applications (No Type Date): WO 87US3187 A 19871203; US 86943116 A 19861217; EP 88901178 A 19871203; JP 87506310 A 19871203; WO 87US3187 A 19871203; EP 88901178 A 19871203; DE 3782166 A 19871203; WO 87US3187 A 19871203; EP 88901178 A 19871203
Priority Applications (No Type Date): US 86943116 A 19861217

15/AN,AZ,TI/14 (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

001907264

Self-service check out desk for baskets and trolleys - has inclined unloading surface with shunting belts directing goods to loading bays
Priority Applications (No Type Date): DE 1950047 A 19691003

15/AN,AZ,TI/15 (Item 15 from file: 347)
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

07778137

SELF-CHECKOUT DEVICE

APPL. NO.: 2002-075932 [JP 200275932]

? show files;ds
File 348:EUROPEAN PATENTS 1978-2005/Aug W01
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050811,UT=20050804
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	151	(SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY) (N) (CHEC-KOUT? ? OR CHECKSTAND? ? OR CHECK() (OUT? ? OR STAND? ?) OR CA-SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-)UP OR RINGUP)
S2	648401	GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC???) (2W) (IN-TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN? ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD? ? OR KEYPAD? ? OR (KEY OR TOUCH) () (PAD? ? OR BOARD? ?)
S3	186048	SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-ARCODE? ? OR UPC OR SKU) () (READER? ? OR OCR)
S4	294335	(BAG OR SACK OR PAPERBAG) () (RETAINER? ? OR HOLDER? ? OR FR-AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5	676667	NARROW OR (SAVE? ? OR SAVING OR LITTLE) (2N) (SPACE OR ROOM) OR (SMALL OR ZERO) () (FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR COMPACT)
S6	24187	S2(10N) (S3 OR S4)
S7	2	S1(S)S5(S)S6
S8	16	S1(10N) (S5 OR S6)
S9	58	S1(S) (S5 OR S6)
S10	52882	IC=G06F-017?
S11	9	S9 AND S10
S12	21	S7 OR S8 OR S11
S13	21	IDPAT (sorted in duplicate/non-duplicate order)
S14	21	IDPAT (primary/non-duplicate records only)

considered 9/7
8/19/05

14/3,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01069210

Method for providing security and enhancing efficiency during operation of a self-service checkout terminal

Verfahren zum Gewahren der Sicherheit und zur Verbesserung der Effizienz während des Betriebes eines Selbstbedienungs-Abrechnungsterminals

Methode pour assurer la securite et ameliorer l'efficacite pendant le fonctionnement d'un terminal de caisse d'enregistrement en libre-service

PATENT ASSIGNEE:

NCR International, Inc., (1449484), 1700 South Patterson Boulevard,
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

Lutz, Dusty L., 490 Rosedown Road, Laurenceville, Georgia 30043, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84717), NCR Limited International Patent
Department 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 940786 A2 990908 (Basic)

APPLICATION (CC, No, Date): EP 99301360 990224;

PRIORITY (CC, No, Date): US 32933 980302

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07G-001/00; G07G-003/00

ABSTRACT WORD COUNT: 88

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9936	479
SPEC A	(English)	9936	12072
Total word count - document A			12551
Total word count - document B			0
Total word count - documents A + B			12551

...SPECIFICATION is the level of security provided against illicit use of the terminal by customers.

Therefore, self - service checkout terminals have heretofore been designed with security systems which monitor the use of the terminal. For example, weight scales have been incorporated into self - service checkout terminals to monitor the manner in which a customer handles or otherwise processes items during operation of the...user to void entry of an item from the checkout procedure via use of the scanner 14 or the data input device 34. It should be appreciated that the self - service checkout terminal 10 may be configured such that the routine 50 allows experienced users of the...

14/3,K/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01045216

Method and apparatus for reducing loss by unregistered articles during operation of a self-service checkout terminal

Verfahren und Vorrichtung zur Verminderung von Verlusten durch unregistrierte Artikel beim Betrieb eines Selbstbedienungsabrechnungsgeräts

Methode et dispositif pour reduire les pertes occasionees par les articles non-enregistres pendant les operations d'un terminal d'enregistrement de supermarche en self-service

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

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Walter, Joanne Synowsky, 60 Dover Cliff Way, Alpharetta, Georgia 30022,
(US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84717), NCR Limited International Patent
Department 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 924669 A2 990623 (Basic)
EP 924669 A3 050309

APPLICATION (CC, No, Date): EP 98310219 981214;

PRIORITY (CC, No, Date): US 991060 971215

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07G-003/00; G07G-001/00; A47F-009/04

ABSTRACT WORD COUNT: 135

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9925	576
SPEC A	(English)	9925	6760
Total word count - document A			7336
Total word count - document B			0
Total word count - documents A + B			7336

...SPECIFICATION checkout terminal 10 for use in a retail business such as a grocery store. The self - service checkout terminal 10 includes a processing unit 12, a scanner 14, a video system 16, a display monitor 18, a manual entry device 20, a product scale 22, a voice generating device 24, a card reader 34, and a currency acceptor 36...

14/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01004263

Method and apparatus for providing security to a self-service checkout terminal

Verfahren und Vorrichtung zur Sicherheitsvorkehrung für einen Selbstbedienungs-Endschalter

Methode et dispositif pour preparatifs de securite pour un terminal final a libre service

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,
Dayton, Ohio 45479, (US), (Proprietor designated states: all)

INVENTOR:

Addy, John Charles, 1919 Whitehawk Court, Lawrenceville, Georgia 30253,
(US)

Morrison, James, 6055 Master Club Drive, Suwanee, Georgia 30024, (US)

LEGAL REPRESENTATIVE:

Cleary, Fidelma et al (85871), International IP Department NCR Limited
206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 905658 A1 990331 (Basic)
EP 905658 B1 031105

APPLICATION (CC, No, Date): EP 98306760 980824;

PRIORITY (CC, No, Date): US 939868 970929

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G07F-011/00

ABSTRACT WORD COUNT: 126

NOTE:

Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199913	678
CLAIMS B	(English)	200345	664
CLAIMS B	(German)	200345	568
CLAIMS B	(French)	200345	778
SPEC A	(English)	199913	14754
SPEC B	(English)	200345	14902
Total word count - document A			15434
Total word count - document B			16912
Total word count - documents A + B			32346

...SPECIFICATION scanner 14, a video system 16, a display monitor 18, a code entry or data input device 20, a product scale 22, and a light curtain device 24. The self - service checkout terminal 10 also includes a bagwell 15 for accommodating one or more grocery bags 17...

...SPECIFICATION scanner 14, a video system 16, a display monitor 18, a code entry or data input device 20, a product scale 22, and a light curtain device 24. The self - service checkout terminal 10 also includes a bagwell 15 for accommodating one or more grocery bags 17...

14/3, K/11 (Item 11 from file: 348)

DIALOG(R) File 348: EUROPEAN PATENTS

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00893573

Checkout apparatus and method

Auszahlvorrichtung und -verfahren

Dispositif et methode d'enregistrement d'articles en sortie

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

Walter, Joanne Synowsky, 60 Dover Cliff Way, Alpharetta, Georgia
30202-5564, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84717), NCR Limited International Patent

Department 206 Marylebone Road, London NW1 6LY, (GB)
PATENT (CC, No, Kind, Date): EP 817141 A2 980107 (Basic)
EP 817141 A3 041110
APPLICATION (CC, No, Date): EP 97304363 970620;
PRIORITY (CC, No, Date): US 673641 960625
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G07G-001/00; G01G-019/415; G01G-019/414;
A47F-009/04
ABSTRACT WORD COUNT: 96
NOTE:
Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9802	447
SPEC A	(English)	9802	4660
Total word count - document A			5107
Total word count - document B			0
Total word count - documents A + B			5107

...SPECIFICATION checkout station 10 for use in a retail business such as a grocery store. The **self - checkout** station 10 may include a counter 12, a combined **scanner / scale** device 14, a display **monitor** 16, a data entry device 17 such as a key pad or keyboard, and a...

14/3,K/12 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00513056

Self-serve checkout system.

Selbstbedienungsregistrierkasse.

Système d'enregistrement d'achats en libre-service.

PATENT ASSIGNEE:

OPTIMAL ROBOTICS CORP., (1458620), 4700, rue de la Savane, Bureau 101,
Montreal, Quebec H4P 1T7, (CA), (applicant designated states:
DE;ES;FR;GB;IT;SE)

INVENTOR:

Schneider, Howard, 149, Finchley Road, Montreal, Quebec H3X 3A3, (CA)

LEGAL REPRESENTATIVE:

Bonnetat, Christian (14191), CABINET BONNETAT 23, Rue de St.Petersbourg,
F-75008 Paris, (FR)

PATENT (CC, No, Kind, Date): EP 498311 A1 920812 (Basic)
EP 498311 B1 951206

APPLICATION (CC, No, Date): EP 92101608 920131;

PRIORITY (CC, No, Date): US 650167 910204

DESIGNATED STATES: DE; ES; FR; GB; IT; SE

INTERNATIONAL PATENT CLASS: G07G-001/00; A47F-009/04;

ABSTRACT WORD COUNT: 172

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	2421
CLAIMS B	(English)	EPAB95	3469
CLAIMS B	(German)	EPAB95	3047
CLAIMS B	(French)	EPAB95	3711
SPEC A	(English)	EPABF1	13956

SPEC B (English) EPAB95 24843
Total word count - document A 16378
Total word count - document B 35070
Total word count - documents A + B 51448

...CLAIMS the fourth signal indicating the weight previously on the said second scale means.

2. The **self - service checkout** system of claim 1 wherein a third scale means is **mounted** in the said first stationary structural member and generates a third scale signal indicative of...

...except when the said controller means receives a third signal indicative of a first user **input** means selected for bag transfer from said first **scale** means to said third scale means where said controller means compares the decrease in the...first stationary structural member and a second speaker means receiving said first microphone signal is **mounted** in said second stationary structural member.

4. The **self - service checkout** system of claim 1 wherein magnetic payment card reader means is mounted in the said...

...CLAIMS fourth signal indicating the weight previously on the said second scale means (24).

2. The **self - service checkout** system of claim 1 wherein a third scale means (29) is **mounted** in the said first stationary structural member (162) and generates a third scale signal indicative...except when the said controller means receives a third signal indicative of a first user **input** means (1...10) selected for bag transfer from said first **scale** means (23) to said third scale means (29) where said controller means (305) compares the...

...stationary structural member and a second speaker means (54) receiving said first microphone signal is **mounted** in said second stationary structural member.

4. The **self - service checkout** system of claim 1 wherein magnetic payment card reader means (97) is mounted in the...fourth signal indicating the weight previously on the said second scale means (24).

10. The **self - service checkout** system of claim 9 wherein said controller means upon receiving a signal from said product...

...said fifth signal is indicative of the image of the surface of the said second **scale** means and is thus displayed on the said second **user display** means, and sending a second controller signal to the said third user display means, and...

...the fourth signal indicating the weight previously on the said second scale means. ns (51) **mounted** in said second stationary structural member (66) where said second user display means receives said...

14/3, K/14 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01177713 **Image available**
SELF SERVICE CHECKOUT SYSTEM
SYSTEME DE VERIFICATION POUR LIBRE-SERVICE
Patent Applicant/Assignee:

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, US (Residence), US (Nationality)

Inventor(s):

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BARCELLOS Eduardo DeCastro, 2702 Industrial Drive, Apt. 114, Bowling
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Legal Representative:

MCLAUGHLIN F William (agent), Wood, Phillips, Katz, Clark & Mortimer, 500
West Madison Street, Suite 3800, Chicago, IL 60661, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2004100039 A1 20041118 (WO 04100039)

Application: WO 2003US37737 20031124 (PCT/WO US03037737)

Priority Application: US 2003428365 20030502

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4658

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... a safe having a door lock and door sensors. A bill dispenser and acceptor is mounted on the safe for receiving and dispensing paper currency. A coin changer is mounted on the safe for receiving and dispensing coins. A control Unit is operatively coupled to...

...validation system 10 for use with a point of sale system 12 to provide a self service checkout system 14. The cash validation system 10 includes a safe 30 having a door lock 32 and door sensors 34. A bill dispenser and acceptor 52 is mounted on the safe for receiving and dispensing paper currency. A coin changer 44 is mounted on the safe 30 for receiving and dispensing coins. The control unit 36 is operatively...

Claim

... A cash validation system for use with a point of sale system to provide a self service checkout system, comprising:
a safe having a door lock and door sensors;
a bill dispenser and acceptor mounted on the safe for receiving and dispensing
paper currency;
a coin changer mounted on the safe for receiving and dispensing coins;
a control unit operatively coupled to the...

14/3, K/18 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00973325 **Image available**

**IMPROVED SELF-CHEKOUT APPARATUS
SYSTEME D'AUTO-CONTROLE AMELIORE**

Patent Applicant/Assignee:

PRODUCTIVITY SOLUTIONS INC, Suite 509, 10550 Deerwood Park Boulevard,
Jacksonville, FL 32256, US, US (Residence), US (Nationality)

Inventor(s):

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NESBIT Terry, Productivity Solutions, Inc., Suite 509, 10550 Deerwood
Park Boulevard, Jacksonville, FL 32256, US,
WILLIAMS Derek, Productivity Solutions, Inc., Suite 509, 10550 Deerwood
Park Boulevard, Jacksonville, FL 32256, US,
ALLARD John, Productivity Solutions, Inc., Suite 509, 10550 Deerwood Park
Boulevard, Jacksonville, FL 32256, US,

Legal Representative:

HOPKINS Brian P (agent), Mintz, Levin, Cohn, Ferris, Glovsky and Popeo,
P.C., One Financial Center, Boston, MA 02111, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200303322 A2-A3 20030109 (WO 0303322)

Application: WO 2002US20561 20020627 (PCT/WO US02020561)

Priority Application: US 2001301714 20010628; US 2001943432 20010807

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7743

Fulltext Availability:

Claims

Claim

... the payment by the customer of said total price using a payment acceptor.

13 The **self - checkout** system according to claim 1, wherein said **input** means comprises a **UPC scanner** .

14 The **self - checkout** system according to claim 1,

14/3, K/19 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00904218 **Image available**

SELF-CHECKOUT METHOD AND APPARATUS INCLUDING GRAPHIC INTERFACE FOR NON-BAR CODED ITEMS

PROCEDE ET APPAREIL D'AUTO-VERIFICATION COMPRENANT UNE INTERFACE GRAPHIQUE POUR ARTICLES SANS CODE-BARRES

Patent Applicant/Assignee:

OPTIMAL ROBOTICS CORP, 4700 de la Savane, Suite 101, Montreal, Quebec H4P 1T7, CA, CA (Residence), CA (Nationality)

Inventor(s):

JACOBS Eric L L, 123-14 Vanguard Avenue, Pointe Claire, Quebec H9R 3T4, CA,

Legal Representative:

HUNT John C (agent), Blake, Cassels & Graydon LLP, Box 25, Commerce Court West, Toronto, Ontario M5L 1A9, CA,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200237432 A2-A3 20020510 (WO 0237432)

Application: WO 2001IB1716 20010801 (PCT/WO IB0101716)

Priority Application: US 2000244234 20001030; US 2000710137 20001110

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR .

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5395

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... item that does not have a bar code. For example, when a shopper at the **self - checkout** terminal places an item on **scale** 304, a **GUI screen** shown in for example FIG. I by default is displayed on the display. the **GUI**...
...are provided, the customer is easily able to identify the product that is on the **scale** . Display 302a

preferably is a touch **screen** display. Other displays coupled with a pointer ...coded (as well as other) items is provided on a touch screen display of a **self - checkout** terminal. The GUI for the processing of non bar coded items, such as produce items...

...terminal and then selects the image of the non-bar coded item displayed by the **GUI** on the touch **screen monitor**. The **scale** may be integrated with a bar code **scanner** such that the integrated device provides the functions of a scanner as well as a scale. A processing unit of the **self - checkout** terminal automatically assigns a price to the item based on the PLU code of the...

14/AN,AZ,TI/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01436911
Method and apparatus for operating a self-service checkout terminal to access a customer account
Verfahren und Vorrichtung zum Betrieb eines Selbstbedienungsabrechnungsterminals zum Zugriff an einem Kundenkonto
Systeme et procede de fonctionnement d'un terminal de caisse d'enregistrement en libre-service pour acceder a un compte-client
APPLICATION (CC, No, Date): EP 2001309043 011024;
PRIORITY (CC, No, Date): US 749158 001227

14/AN,AZ,TI/2 (Item 2 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01163444
Method and apparatus for operating a retail terminal to display a price of an item in a number of different national currencies and/or different measurement systems
Verfahren und Vorrichtung zum Betrieb eines Verkaufsendgerats mit Anzeige eines Preises in verschiedenen nationalen Munzwahrungen und/oder verschiedenen Messsystemen
Methode et dispositif pour l'operation d'un terminal de vente affichant le prix d'un article dans un nombre de monnaies nationales differentes et/ou des systemes de mesure differents
APPLICATION (CC, No, Date): EP 99310283 991221;
PRIORITY (CC, No, Date): US 217723 981221; US 217537 981221

14/AN,AZ,TI/3 (Item 3 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01163397
Method of and apparatus for maintaining a customer loyalty program on a smart card
Verfahren und Vorrichtung zum Verwalten eines Kundentreueverfahrens auf einer Chipkarte
Methode et dispositif pour maintenir un programme de fidelisation de client base sur une carte a puce
APPLICATION (CC, No, Date): EP 99310201 991217;
PRIORITY (CC, No, Date): US 217543 981221

14/AN,AZ,TI/4 (Item 4 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01138925
Apparatus and method for deactivating electronic article surveillance tag in a retail self-checkout terminal
Vorrichtung und Verfahren zur Deaktivierung von elektronischen Warenuberwachungsetiketten in einem Verkaufsabrechnungsterminal
Dispositif et procede de deactivation d'etiquettes electroniques de surveillance d'article dans un terminal de vente
APPLICATION (CC, No, Date): EP 99307857 991006;
PRIORITY (CC, No, Date): US 173366 981015

14/AN,AZ, TI/5 (Item 5 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01134547
Method and apparatus for displaying a customized advertising message with a retail terminal
Verfahren und Apparat zum Anzeigen von kundenspezifischen Werbenachrichten auf einem Verkaufsendgerat
Methode et appareil pour l'affichage de messages publicitaires personalises sur un terminal de vente
APPLICATION (CC, No, Date): EP 99307703 990929;
PRIORITY (CC, No, Date): US 164099 980930

14/AN,AZ, TI/6 (Item 6 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01134475
Method and apparatus for compiling a retail survey with a retail terminal
Verfahren und Vorrichtung zum Erstellen einer Kundendaten-Marktubersicht mittels eines Verkaufsendgerates
Procede et appareil de compilation d'un sondage aupres de la clientele du distributeur au moyens d'un terminal de vente
APPLICATION (CC, No, Date): EP 99307376 990917;
PRIORITY (CC, No, Date): US 164097 980930

14/AN,AZ, TI/7 (Item 7 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01085369
Method of monitoring item shuffling in a post-scan area of a self-service checkout terminal
Verfahren zur Überwachung des Hin- und Herschiebens von Gegenständen im Nachabtastbereich eines Selbstbedienungsabrechnungsterminals
Methode pour la surveillance du brassage d'articles dans la zone post-lecture de codes d'un terminal d'enregistrement d'articles en sortie en usage libre-service
APPLICATION (CC, No, Date): EP 99303392 990429;
PRIORITY (CC, No, Date): US 71024 980501

14/AN,AZ, TI/8 (Item 8 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01069210
Method for providing security and enhancing efficiency during operation of a self-service checkout terminal
Verfahren zum Gewahren der Sicherheit und zur Verbesserung der Effizienz während des Betriebes eines Selbstbedienungs-Abrechnungsterminals
Methode pour assurer la securite et ameliorer l'efficacite pendant le fonctionnement d'un terminal de caisse d'enregistrement en libre-service
APPLICATION (CC, No, Date): EP 99301360 990224;
PRIORITY (CC, No, Date): US 32933 980302

14/AN,AZ,TI/9 (Item 9 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01045216

Method and apparatus for reducing loss by unregistered articles during operation of a self-service checkout terminal
Verfahren und Vorrichtung zur Verminderung von Verlusten durch unregistrierte Artikel beim Betrieb eines Selbstbedienungsabrechnungsgeräts

Methode et dispositif pour reduire les pertes occasionees par les articles non-enregistres pendant les operations d'un terminal d'enregistrement de supermarche en self-service

APPLICATION (CC, No, Date): EP 98310219 981214;
PRIORITY (CC, No, Date): US 991060 971215

14/AN,AZ,TI/10 (Item 10 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01004263

Method and apparatus for providing security to a self-service checkout terminal
Verfahren und Vorrichtung zur Sicherheitsvorkehrung für einen Selbstbedienungs-Endschalter

Methode et dispositif pour preparatifs de securite pour un terminal final a libre service

APPLICATION (CC, No, Date): EP 98306760 980824;
PRIORITY (CC, No, Date): US 939868 970929

14/AN,AZ,TI/11 (Item 11 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

00893573

Checkout apparatus and method
Auszahlvorrichtung und -verfahren

Dispositif et methode d'enregistrement d'articles en sortie

APPLICATION (CC, No, Date): EP 97304363 970620;
PRIORITY (CC, No, Date): US 673641 960625

14/AN,AZ,TI/12 (Item 12 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

00513056

Self-serve checkout system.

Selbstbedienungsregistrierkasse.

Systeme d'enregistrement d'achats en libre-service.

APPLICATION (CC, No, Date): EP 92101608 920131;
PRIORITY (CC, No, Date): US 650167 910204

14/AN,AZ,TI/13 (Item 13 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

01231987

SELF-CHECKOUT SYSTEM WITH BIOMETRIC DATA PROCESSING
SYSTEME DE CAISSE AUTOMATIQUE UTILISANT UN TRAITEMENT DE DONNEES
BIOMETRIQUES

Application: WO 2004US32582 20041004 (PCT/WO US04032582)

14/AN,AZ, TI/14 (Item 14 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

01177713

SELF SERVICE CHECKOUT SYSTEM

SYSTEME DE VERIFICATION POUR LIBRE-SERVICE

Application: WO 2003US37737 20031124 (PCT/WO US03037737)

14/AN,AZ, TI/15 (Item 15 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

01168945

OBTAINING PRODUCT ITEM ASSISTANCE

OBTENTION D'ASSISTANCE CONCERNANT UN PRODUIT

Application: WO 2004AU437 20040402 (PCT/WO AU04000437)

14/AN,AZ, TI/16 (Item 16 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00979229

BIOMETRIC SYSTEM AND METHOD FOR IDENTIFYING A CUSTOMER UPON ENTERING A RETAIL ESTABLISHMENT

SYSTEME ET PROCEDE BIOMETRIQUE SERVANT A IDENTIFIER UN CLIENT A SON ENTREE DANS UN POINTE DE VENTE AU DETAIL

Application: WO 2002US22145 20020711 (PCT/WO US0222145)

14/AN,AZ, TI/17 (Item 17 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00975345

CHECKOUT SYSTEM WITH A FLEXIBLE SECURITY VERIFICATION SYSTEM

SYSTEME DE VERIFICATION GENERALE AVEC SYSTEME DE VERIFICATION DE SECURITE SOUPLE

Application: WO 2002US20957 20020701 (PCT/WO US0220957)

14/AN,AZ, TI/18 (Item 18 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00973325

IMPROVED SELF-CHEKOUT APPARATUS

SYSTEME D'AUTO-CONTROLE AMELIORE

Application: WO 2002US20561 20020627 (PCT/WO US02020561)

14/AN,AZ, TI/19 (Item 19 from file: 349)
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00904218

SELF-CHECKOUT METHOD AND APPARATUS INCLUDING GRAPHIC INTERFACE FOR NON-BAR

CODED ITEMS

PROCEDE ET APPAREIL D'AUTO-VERIFICATION COMPRENANT UNE INTERFACE GRAPHIQUE

POUR ARTICLES SANS CODE-BARRES

Application: WO 2001IB1716 20010801 (PCT/WO IB0101716)

14/AN,AZ, TI/20 (Item 20 from file: 349)

DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00830839

METHOD AND APPARATUS FOR PRESENTING AND SELECTING PRODUCT AGREEMENTS

PROCEDE ET DISPOSITIF DE PRESENTATION ET DE SELECTION D'ACCORDS DE PRODUIT

Application: WO 2001US5503 20010222 (PCT/WO US0105503)

14/AN,AZ, TI/21 (Item 21 from file: 349)

DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00757120

LOCATION ENHANCED INFORMATION DELIVERY SYSTEM

SYSTEME AMELIORE DE DISTRIBUTION D'INFORMATIONS DE LOCALISATION

Application: WO 2000US13858 20000519 (PCT/WO US0013858)

```
? show files;ds
File 35:Dissertation Abs Online 1861-2005/Jul
  (c) 2005 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
  (c) 2002 The Gale Group
File 65:Inside Conferences 1993-2005/Aug W2
  (c) 2005 BLDSC all rts. reserv.
File 2:INSPEC 1969-2005/Aug W1
  (c) 2005 Institution of Electrical Engineers
File 256:TecInfoSource 82-2005/Jul
  (c) 2005 Info.Sources Inc
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
  (c) 2005 The HW Wilson Co.
File 474:New York Times Abs 1969-2005/Aug 15
  (c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Aug 15
  (c) 2005 The New York Times
```

Set	Items	Description
S1	72	(SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY) (N) (CHEC- KOUT? ? OR CHECKSTAND? ? OR CHECK() (OUT? ? OR STAND? ?) OR CA- SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING??? (-)UP OR RINGUP)
S2	608700	GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC??) (2W) (IN- TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN? ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD? ? OR KEYPAD? ? OR (KEY OR TOUCH) () (PAD? ? OR BOARD? ?)
S3	38933	SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B- ARCODE? ? OR UPC OR SKU) ()READER? ? OR OCR
S4	538084	(BAG OR SACK OR PAPERBAG) () (RETAINER? ? OR HOLDER? ? OR FR- AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5	494833	NARROW OR (SAVE? ? OR SAVING OR LITTLE) (2N) (SPACE OR ROOM) OR (SMALL OR ZERO) ()FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR COMPACT OR VERTICAL?? OR STACK???
S6	5712	S2(10N) (S3 OR S4)
S7	0	S1(S)S5(S)S6
S8	0	S1 AND S5 AND S6
S9	27601	S2 AND (S3 OR S4)
S10	0	S1 AND S5 AND S9
S11	1	S1(S) (S5 OR S6)
S12	4	S1 AND (S5 OR S9)
S13	1	S12 NOT PY>2001

*Considered,
8/7/05*

13/3,K/1 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

04624538

Checking out new shopping technology

EUROPE - **SELF - CHECK OUT SYSTEMS ON THE WAY FROM THE US**
European (TEU) 10 November 1991 p25

EUROPE - **SELF - CHECK OUT SYSTEMS ON THE WAY FROM THE US**

A **self - check out** system, in which customers scan their own goods, is being used in a number of...

... 50% the number of till assistants needed. The Albert Heijn experimental store, Tilburg, Netherlands, has **scanners** attached to trolleys, enabling customers to scan the items as they are removed from the...

... the check-out. Also set to arrive from the US are trolleys with radio-controlled **screens** acting as store guides. ICL Retail Systems president Mr John Davison forecasts **self - check - out** systems will be installed in Europe by 1993.

```

? show files;ds
File 15:ABI/Inform(R) 1971-2005/Aug 16
    (c) 2005 ProQuest Info&Learning
File 9:Business & Industry(R) Jul/1994-2005/Aug 15
    (c) 2005 The Gale Group
File 610:Business Wire 1999-2005/Aug 16
    (c) 2005 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
    (c) 1999 Business Wire
File 20:Dialog Global Reporter 1997-2005/Aug 16
    (c) 2005 Dialog
File 476:Financial Times Fulltext 1982-2005/Aug 16
    (c) 2005 Financial Times Ltd
File 275:Gale Group Computer DB(TM) 1983-2005/Aug 16
    (c) 2005 The Gale Group

Set      Items      Description
S1       3188      (SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY) (N) (CHEC-
          KOUT? ? OR CHECKSTAND? ? OR CHECK() (OUT? ? OR STAND? ?) OR CA-
          SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING??? (-
          )UP OR RINGUP)
S2       2188887    GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC??) (2W) (IN-
          TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN?
          ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD?
          ? OR KEYPAD? ? OR (KEY OR TOUCH) () (PAD? ? OR BOARD? ?)
S3       224216     SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-
          ARCODE? ? OR UPC OR SKU) ()READER? ? OR OCR
S4       1491113    (BAG OR SACK OR PAPERBAG) () (RETAINER? ? OR HOLDER? ? OR FR-
          AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR
          SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5       1353451    NARROW OR (SAVE? ? OR SAVING OR LITTLE) (2N) (SPACE OR ROOM)
          OR (SMALL OR ZERO) ()FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR
          COMPACT OR VERTICAL?? OR STACK???
S6       23023      S2(10N) (S3 OR S4)
S7       2          S1(S)S5(S)S6
S8       125        S1(S) (S5 OR S6)
S9       98         S1(S)S5
S10      29         S1(S)S6
S11      31         S1(10N)S5
S12      32         S1(7N) (S5 OR S6)
S13      51843      S2(S) (S3 OR S4)
S14      2          S1(S)S5(S)S13
S15      33         S12 OR S14
S16      15         S15 NOT PY>2001
S17      15         S16 NOT PD=20011227:20050930
S18      12         RD (unique items)

```

considered
gjt 8/14/05

18/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02012382 52603410
Food Lion automates checkout
Anonymous
Chain Store Age v76n4 PP: 90-92 Apr 2000
ISSN: 1087-0601 JRNLD CODE: CSA
WORD COUNT: 1192

...TEXT: a traditional lane to handle heavy volume at peak times. Also new from NCR, the **compact Self - Checkout** E-Series features a **small - footprint** -it's 28 in. wide and 88 in. long-for a, low profile and easy...

18/3,K/3 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

01831858 Supplier Number: 24622737 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Self-Checkout Test Planned At Brookshire Grocery Units
(Brookshire Grocery is testing its self-checkout technology with launch of stationary units at two locations)
Supermarket News, v 47, n 17, p 21+
April 26, 1999
DOCUMENT TYPE: Journal ISSN: 0039-5803 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 408

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...The self-checkout units, provided by NCR, Dayton, Ohio, are equipped with a multimedia touch **screen** , an automated teller machine, a **scale** , **scanner** and security cameras. Customers begin the **self - checkout** experience by either pressing a "start" icon on the touch screen, or by simply starting...

18/3,K/4 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2005 Business Wire. All rts. reserv.

00506738 20010425115B6472 (USE FORMAT 7 FOR FULLTEXT)
Optimal Robotics Develops Compact U-Scan Solo; From Big-box to Small Retail Stores, U-Scan Self-checkout Systems Can Fit Anywhere
Business Wire
Wednesday, April 25, 2001 07:03 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 530

...technology applications for the convenience store industry.

"We are confident in the prospects for the **compact Solo** to penetrate additional markets and expand **self - checkout** technology into convenience

stores
and drugstores," said Karp. "Retailers of all sizes are striving to...

18/3, K/5 (Item 2 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2005 Business Wire. All rts. reserv.

00465185 20010218049B3950 (USE FORMAT 7 FOR FULLTEXT)
**PSC Inc. and Kyrus Corp. Announce 'QUICKcheck,' Next Generation
Self-Checkout System; Seamless Integration Without Physical or Procedural
Disruptions**
Business Wire
Sunday, February 18, 2001 11:00 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 710

TEXT:
...largest provider of point-of-sale (POS)
systems, today unveiled QUICKcheck(TM), a next generation **self - checkout**
system.
The **compact** QUICKcheck footprint allows retailers to save space and
easily
integrate the system into a store...

18/3, K/9 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

15033415 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Updated Story
PR NEWswire
February 07, 2001
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 339

(USE FORMAT 7 OR 9 FOR FULLTEXT)

The order includes a combination of the NCR **self - checkout** E Series, a **small footprint** unit with multiple configuration and payment options, and the NCR Self-Checkout C Series, the...

18/3, K/11 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

02808448 (USE FORMAT 7 OR 9 FOR FULLTEXT)
PSC Introduces 13 New Products at Scan-Tech
PR NEWswire
September 14, 1998 14:43
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 701

... industrial handheld scanner, retail handheld and fixed position scanners, scan engines, industrial automation systems and **compact**

U-Scan(R) Express **self - checkout** system.

"These new products are characterized by their reliability, exceptional performance and very affordable prices..."

18/AA,AN,TI/1 (Item 1 from file: 15)
DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

02012382 52603410
Food Lion automates checkout

18/AA,AN,TI/2 (Item 2 from file: 15)
DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

01728974 03-79964
Customer satisfaction: Improve supply chain to enhance quality

18/AA,AN,TI/3 (Item 1 from file: 9)
DIALOG(R)File 9:(c) 2005 The Gale Group. All rts. reserv.

01831858 Supplier Number: 24622737
Self-Checkout Test Planned At Brookshire Grocery Units

18/AA,AN,TI/4 (Item 1 from file: 610)
DIALOG(R)File 610:(c) 2005 Business Wire. All rts. reserv.

20010425115B6472
Optimal Robotics Develops Compact U-Scan Solo; From Big-box to Small Retail Stores, U-Scan Self-checkout Systems Can Fit Anywhere

18/AA,AN,TI/5 (Item 2 from file: 610)
DIALOG(R)File 610:(c) 2005 Business Wire. All rts. reserv.

20010218049B3950
PSC Inc. and Kyrus Corp. Announce 'QUICKcheck,' Next Generation Self-Checkout System; Seamless Integration Without Physical or Procedural Disruptions

18/AA,AN,TI/6 (Item 3 from file: 610)
DIALOG(R)File 610:(c) 2005 Business Wire. All rts. reserv.

19990602153B1231
RFID Intelligent Library System Delivers Patron Self Service Through New Technology

18/AA,AN,TI/7 (Item 1 from file: 20)
DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

17332913
NCR Supplies Self-Checkout to Kmart

18/AA,AN,TI/8 (Item 2 from file: 20)
DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv.

15743382

NCR Sees Self-Checkout Gaining Momentum in Europe, Driven by Shopper Enthusiasm and Return on Investment

18/AA,AN,TI/9 (Item 3 from file: 20)
DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv..

15033415
Updated Story

18/AA,AN,TI/10 (Item 4 from file: 20)
DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv..

15033387
Wakefern to Install NCR Self-Checkout Systems

18/AA,AN,TI/11 (Item 5 from file: 20)
DIALOG(R)File 20:(c) 2005 Dialog. All rts. reserv..

02808448
PSC Introduces 13 New Products at Scan-Tech

18/AA,AN,TI/12 (Item 1 from file: 275)
DIALOG(R)File 275:(c) 2005 The Gale Group. All rts. reserv..

02032751 SUPPLIER NUMBER: 19107879
NCR LAUNCHES IN-STORE WIRELESS NETWORK FOR PRICING.

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? show files;ds
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Aug 16
  (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Aug 15
  (c) 2005 The Gale Group
File 16:Gale Group PROMT(R) 1990-2005/Aug 15
  (c) 2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
  (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/Aug 16
  (c) 2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Aug 16
  (c) 2005 McGraw-Hill Co. Inc
File 613:PR Newswire 1999-2005/Aug 16
  (c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
  (c) 1999 PR Newswire Association Inc
File 634:San Jose Mercury Jun 1985-2005/Aug 15
  (c) 2005 San Jose Mercury News
File 475:Wall Street Journal Abs 1973-2005/Aug 15
  (c) 2005 The New York Times
File 13:BAMP 2005/Aug W1
  (c) 2005 The Gale Group
File 56:Computer and Information Systems Abstracts 1966-2005/Jul
  (c) 2005 CSA.
File 75:TGG Management Contents(R) 86-2005/Aug W1
  (c) 2005 The Gale Group
File 995:NewsRoom 2001
  (c) 2005 Dialog
File 996:NewsRoom 2000
  (c) 2005 Dialog

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Set	Items	Description
S1	5264	(SELF OR SELF()SERV??? OR DO()IT()YOURSELF OR DIY) (N) (CHEC-KOUT? ? OR CHECKSTAND? ? OR CHECK() (OUT? ? OR STAND? ?) OR CA-SH()REGISTER? ? OR ECR OR EPOS OR CASHREGISTER? ? OR RING???(-)UP OR RINGUP)
S2	3268042	GUI OR INPUT? ? OR INPUTT??? OR (USER OR GRAPHIC??) (2W) (IN-TERFACE? ? OR INTERACT? OR CONNECT? OR DISPLAY? ?) OR SCREEN? ? OR MONITOR? ? OR TOUCHPAD? ? OR TOUCHSCREEN? ? OR KEYBOARD? ? OR KEYPAD? ? OR (KEY OR TOUCH) () (PAD? ? OR BOARD? ?)
S3	341542	SCANNER? ? OR WAND??? OR (LABEL? OR TAG? ? OR CODE? ? OR B-ARCODE? ? OR UPC OR SKU) ()READER? ? OR OCR
S4	1938926	(BAG OR SACK OR PAPERBAG) () (RETAINER? ? OR HOLDER? ? OR FR-AME? ? OR SUPPORT? ? OR BRACE? ? OR BRACING OR BRACKET? ?) OR SCALE? ? OR WEIGHT(2N)VERIFI? OR BASKET? ?
S5	2153355	NARROW OR (SAVE? ? OR SAVING OR LITTLE) (2N) (SPACE OR ROOM) OR (SMALL OR ZERO) ()FOOTPRINT OR SLENDER OR SLIM OR MOUNTED OR COMPACT OR VERTICAL?? OR STACK???
S6	38415	S2(10N) (S3 OR S4)
S7	0	S1(S)S5(S)S6
S8	80006	S2(S) (S3 OR S4)
S9	20	S1(2S)S5(2S)S8
S10	87	S1(10N) (S5 OR S6)
S11	67	S1(10N)S5
S12	20	S1(10N)S6
S13	58	S1(7N)S5
S14	2	S2(S)S11
S15	36	S2 AND S11
S16	74	S9 OR S12 OR S15

S17 32 S16 NOT PY>2001
S18 32 S17 NOT PD=20011227:20050930
S19 13 RD (unique items)

Considered ~~07~~
8/19/05

19/3,K/3 (Item 3 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2005 The Gale Group. All rts. reserv.

02197507 Supplier Number: 56216544 (USE FORMAT 7 FOR FULLTEXT)
Turkey's Largest Retailer Introduces Europe to Convenience of Self-Service Retailing.

PR Newswire, p4504
Oct 12, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 646

... can make shopping more convenient and productive for consumers.
NCR Corporation's easy-to-use **self - checkout** solution has been installed in the newest Migros Hypermarket, which is located in a brand...

...in the heart of Ankara. Migros is the first retailer in Europe to install a **self - checkout** system that allows shoppers to scan, bag and pay for purchases without cashier assistance.

Migros...

...to help shoppers find price information and to provide bonus rewards to loyal customers. The **compact** NCR web kiosk is internet-enabled for electronic commerce, has a touch **screen** and built-in **scanner**, and is designed to provide convenient customer service nearly anywhere in a store.
"Migros places...

...are making their shopping experience even better," said Bulend Ozaydinli, general manager of Migros Turk. " **Self - checkout** is an option for our customers when the traditional checkout lanes are busy and they...

...more opportunities to interact and build stronger relationships with shoppers."

Migros is currently installing NCR **self - checkout** at four other Migros stores, in Istanbul, and the company anticipates having a total of

...

19/3,K/6 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01271914 Supplier Number: 41385622 (USE FORMAT 7 FOR FULLTEXT)
IBM ANNOUNCEMENTS
Computergram International, n1445, pN/A
June 13, 1990
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1021

... groceries and interfaces with the IBM 4680 Store System. The system uses laser bar code **scanners** and a proprietary merchandise security system. It consists of the machine stations, a central computer to manage and **monitor** the operation of **self - checkout** stations and communicate with the supermarket's point-of-sale system, and one or more...

...code labels identifying merchandise passed over the device for the

computers; a colour video touch **screen** that guides shoppers through the use of the system and displays a description of the...

...purchased, their prices and a running subtotal for the transaction; in stations equipped with a **scanner scale**, there is a related Produce **Key Pad** and Video Produce **Screen** for handling produce and other variable weight bulk items; a proprietary merchandise security system that...

...7,000. A Manager's Access Console is \$4,800, and a custom bulk item **screen** package with one to five **screens** is \$10,000. Extra **screens** cost \$1,000, a hand-held **scanner** is \$800, and the cable trough is \$190.

IBM markets Wallace's Lasermax system

The...

...line modules. The Roll Feeder unit can be used in conjunction with the Burster/Trimmer-/ **Stacker** on the 3800 Page Printer. It feeds large-capacity 50" diameter paper rolls to provide...

19/3, K/7 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

09188293 Supplier Number: 61836424 (USE FORMAT 7 FOR FULLTEXT)
The front-end frontier.(new supermarket point of sale technology)
Hennessy, Terry
Progressive Grocer, v79, n4, p93
April, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2046

... the show-stealer at the recent MarkeTechnics 2000 show in San Francisco was a convertible **scanner** from NCR that can be used as either a traditional cashier station or a **self - checkout** station. "NCR's convertible **self - checkout** makes a lot of sense for our stores," says Mike Miller, Andronico's director of...

...We use U-shape cashier stations, and in that configuration we could have one person **monitor** two stations.

The first retailer to install the NCR system, called the NCR C Series...

...a full ATM system, with scanner and bagging. The new E and C Series are **compact** versions with or without a payment module--cash, check, debit or credit card."

The strongest...

...to retailers and the manufacturer. "The C Series is designed for retailers who want a **self - checkout**, but can't afford to give up a lane," Kramer says. "The touch **screen** simply turns around and becomes a display when a cashier runs the lane."

One of the problems with **self - checkout** systems is that they are slower than manual cashier stations. " **Self - checkout** stations are only about half as fast as a cashier," says Tracy Flynn, NCR'S...

...who use eight lanes a day can't afford to use one lane for just **self - checkout** ."

The cost of the NCR C Series varies depending on components, configuration and volume, but...

19/3,K/9 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06326945 Supplier Number: 54591528 (USE FORMAT 7 FOR FULLTEXT)
SELF-CHECKOUT TEST PLANNED AT BROOKSHIRE GROCERY UNITS.(Brief Article)
AMATO-MCCOY, DEENA
Supermarket News, p21(1)
April 26, 1999
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 417

... The self-checkout units, provided by NCR, Dayton, Ohio, are equipped with a multimedia touch **screen**, an automated teller machine, a **scale**, **scanner** and security cameras. Customers begin the **self - checkout** experience by either pressing a "start" icon on the touch **screen**, or by simply starting to move items over the **scanner**.

The interactive **screen** prompts customers throughout the checkout process, including scanning items, weighing produce as well as voiding...

19/3,K/10 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05524249 Supplier Number: 48372861 (USE FORMAT 7 FOR FULLTEXT)
BALLS GETTING GOOD RESULTS WITH SELF-SCANNING TECHNOLOGY
AMATO-MCCOY, DEENA
Supermarket News, p19
March 23, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 582

... The units, provided by NCR, Dayton, Ohio, are equipped with security cameras, a multimedia touch **screen**, a **scale** and a **scanner**.

Customers can either press a "start" icon on the touch **screen** or simply begin scanning their first item to activate the **self - checkout** unit. The interactive screen directs customers through the checkout process, and that includes weighing produce...

19/3,K/11 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2005 The Gale Group. All rts. reserv.

05930743 SUPPLIER NUMBER: 12794827 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Chicago shows off its wares. (Food Marketing Institute's conference and grocery industry's exhibition)
Hobson, Steve
Super Marketing, n1023, p14(2)
May 22, 1992

ISSN: 0261-4251 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1094 LINE COUNT: 00083

... Optimal 887 from Optimal Robotics of New York is based on a touch-sensitive computer **screen**, two weighscales and a **scanner**, with a video camera gazing **vertically** down on the operation to allow the supervisor to keep an eye on proceedings.

The...

19/3, K/12 (Item 1 from file: 995)
DIALOG(R)File 995:NewsRoom 2001
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0268592173 15GT2U0E
Discount retailer Kmart strives to be time-saver via self-checkout
Muhammed El-Hasan ; BUSINESS WRITER
Daily Breeze, HOME ed, pD1
Friday, June 1, 2001
JOURNAL CODE: FGID LANGUAGE: English RECORD TYPE: Fulltext
DOCUMENT TYPE: Newspaper SECTION HEADING: BUSINESS
WORD COUNT: 829

She paused to look as she passed four computer **screens**, each with a price **scanner**. A sign at each terminal indicated that these were **self - checkout** stations.

Nelson chose one, pressed the start bar on the touch-screen, and a computerized...

19/AA,AN,TI/1 (Item 1 from file: 621)
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02810426 Supplier Number: 70701095
PSC Inc. and Kyrus Corp. Announce 'QUICKcheck,' Next Generation Self-Checkout System; Seamless Integration Without Physical or Procedural Disruptions.

19/AA,AN,TI/2 (Item 2 from file: 621)
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02446442 Supplier Number: 61380073
World's First 'Convertible' Self-Checkout Heads Family of Innovative Systems from NCR.

19/AA,AN,TI/3 (Item 3 from file: 621)
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02197507 Supplier Number: 56216544
Turkey's Largest Retailer Introduces Europe to Convenience of Self-Service Retailing.

19/AA,AN,TI/4 (Item 4 from file: 621)
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01888544 Supplier Number: 54775467
RFID Intelligent Library System Delivers Patron Self Service Through New Technology.

19/AA,AN,TI/5 (Item 1 from file: 636)
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03455096 Supplier Number: 47118683
NCR LAUNCHES IN-STORE WIRELESS NETWORK FOR PRICING

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01271914 Supplier Number: 41385622
IBM ANNOUNCEMENTS

19/AA,AN,TI/7 (Item 1 from file: 16)
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09188293 Supplier Number: 61836424
The front-end frontier.(new supermarket point of sale technology)

19/AA,AN,TI/8 (Item 2 from file: 16)
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07992910 Supplier Number: 62957586

Food Lion Automates Checkout.

19/AA,AN,TI/9 (Item 3 from file: 16)
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06326945 Supplier Number: 54591528
SELF-CHECKOUT TEST PLANNED AT BROOKSHIRE GROCERY UNITS.(Brief Article)

19/AA,AN,TI/10 (Item 4 from file: 16)
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05524249 Supplier Number: 48372861
BALLS GETTING GOOD RESULTS WITH SELF-SCANNING TECHNOLOGY

19/AA,AN,TI/11 (Item 1 from file: 148)
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

05930743 SUPPLIER NUMBER: 12794827
Chicago shows off its wares. (Food Marketing Institute's conference and grocery industry's exhibition)

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15GT2U0E
Discount retailer Kmart strives to be time-saver via self-checkout

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